

PHENIX Technical Support 2006

PHENIX

C-A Coordination

3/27/06

Don Lynch



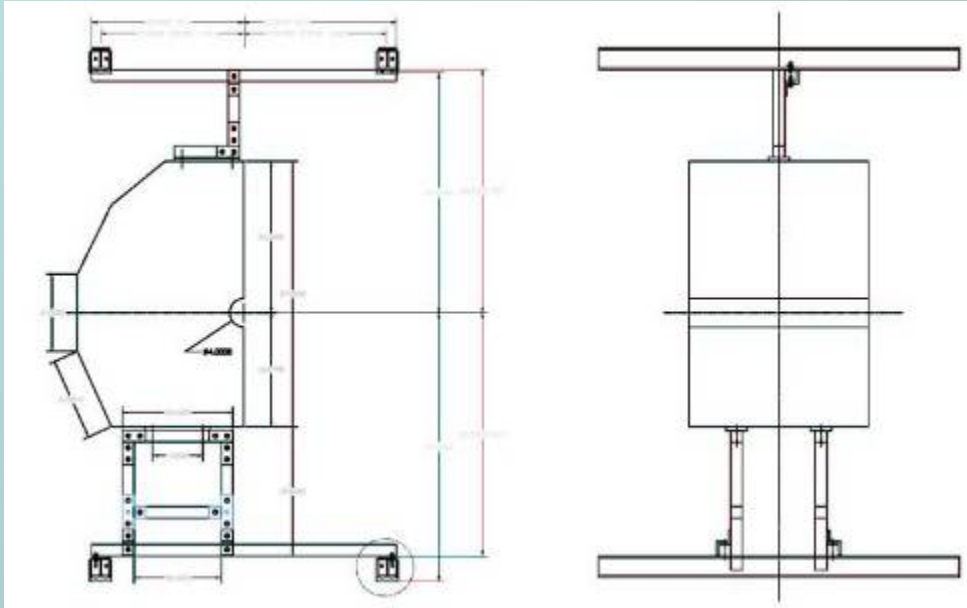
PHENIX Technical Support 2006

MPC Electronics



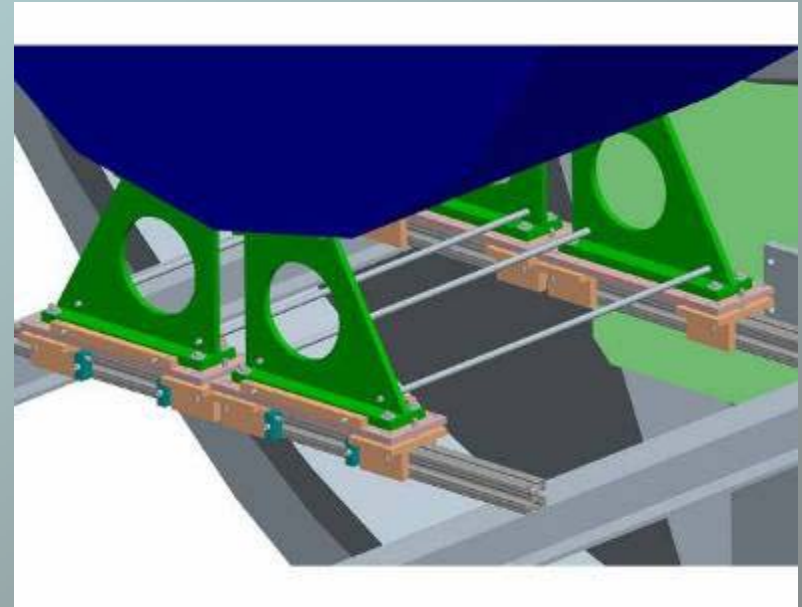
MPC rack installed without cards. Cards to be installed
As available and as access time is available.

HBD Prototype Mounting



Prototype can not use final design mounting due to differences in location of connectors and other basic design differences.

Prototype mounting to be fabricated from fg unistrut.



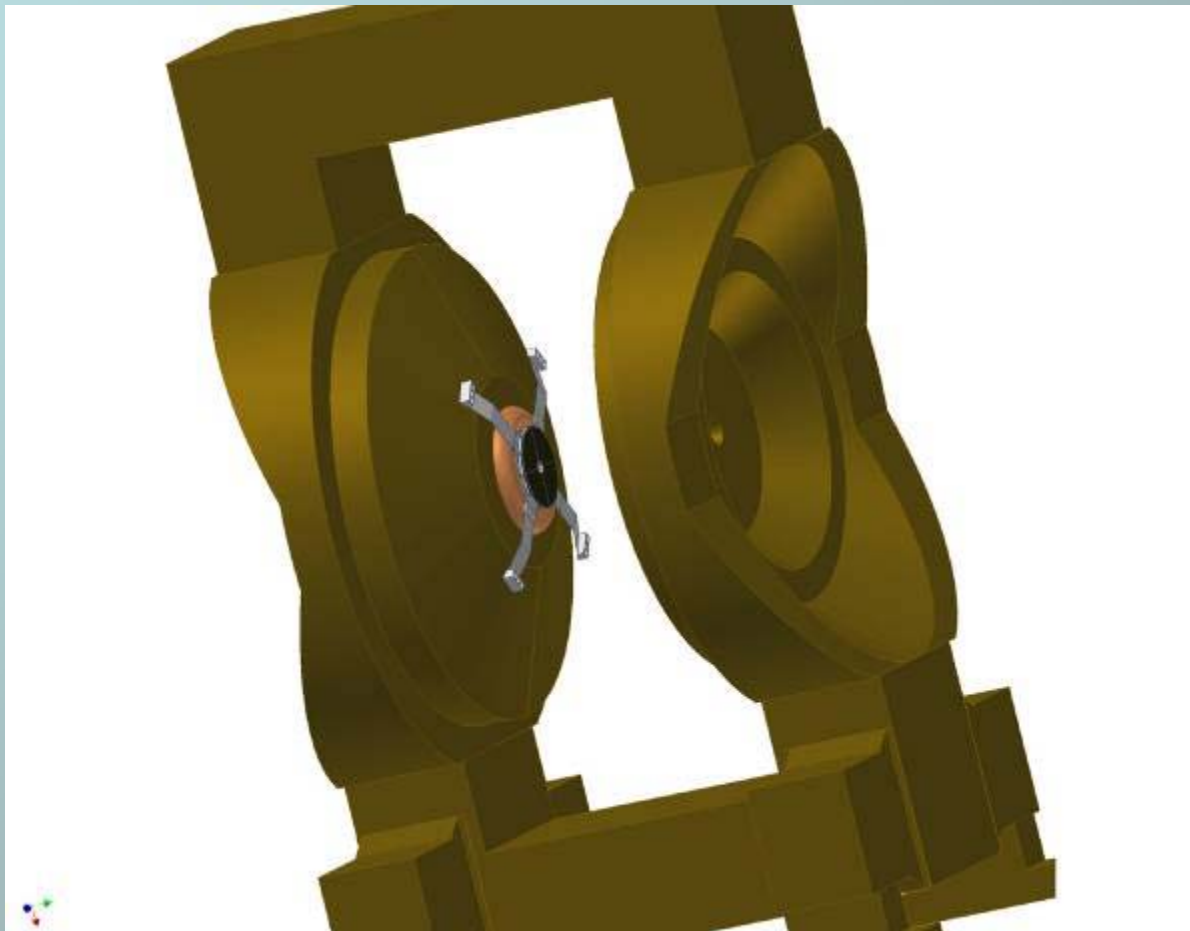
Design of full detector details nearly complete and ready for fabrication.

Need to design cable management for signal cables

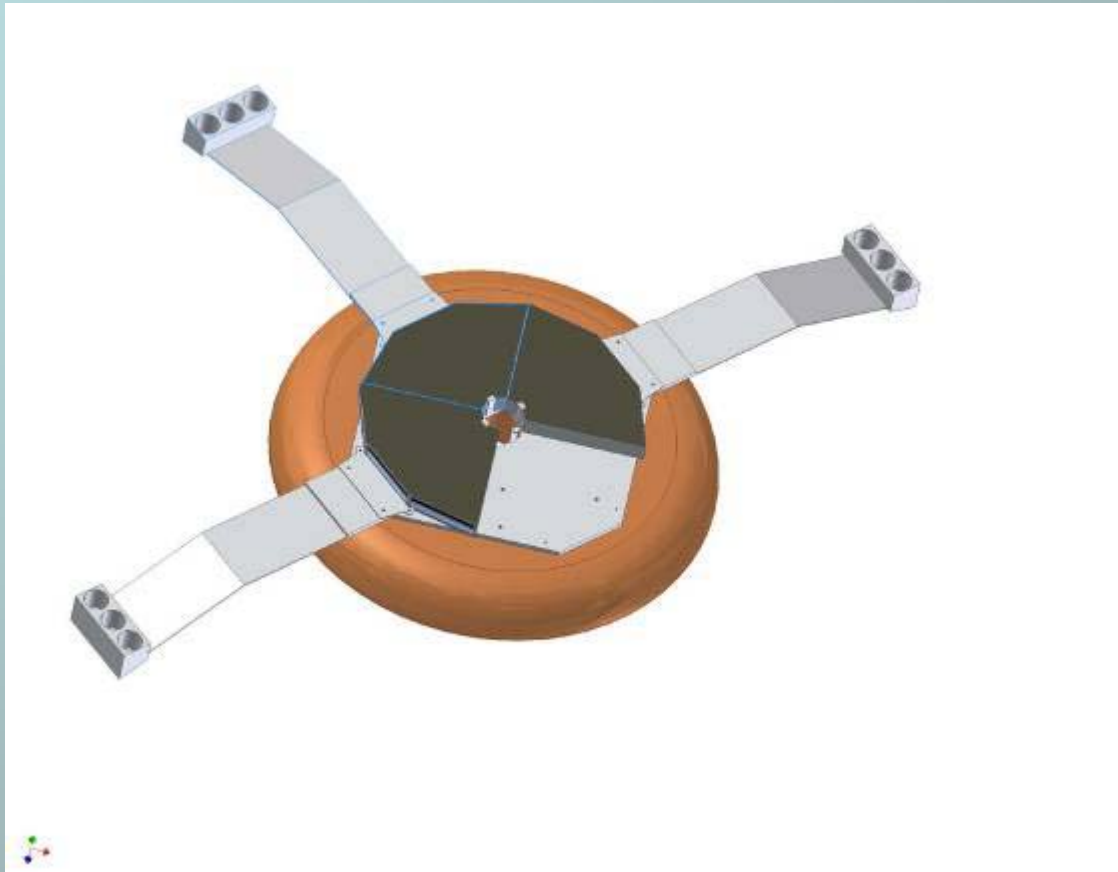
PHENIX Technical Support 2006

HBD Prototype Gas System

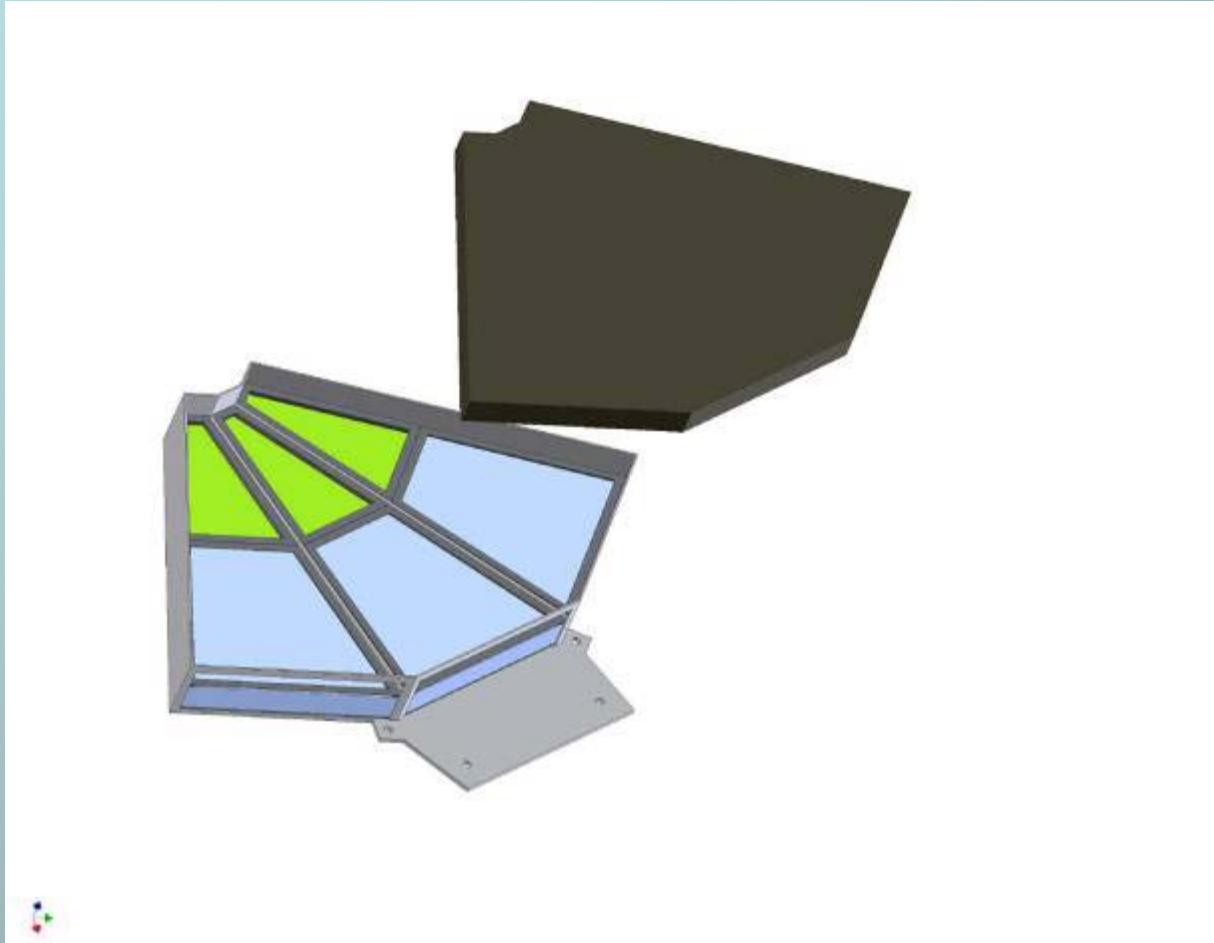




North and south
detectors each
with 4 arms to
PMT's



Assembled on bench
Into 4 quadrants.
Base Plate attaches
to Brass nosecone.

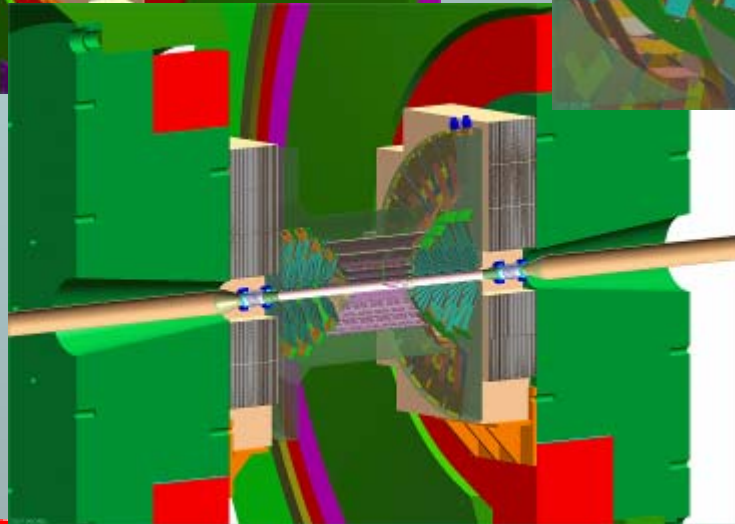
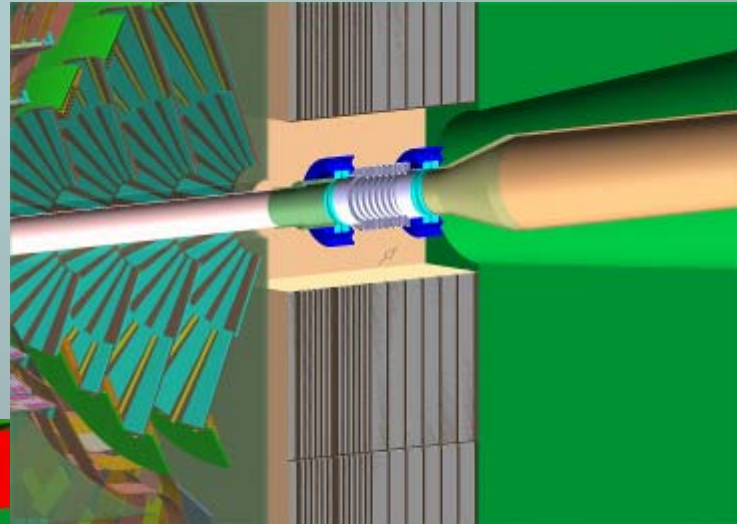
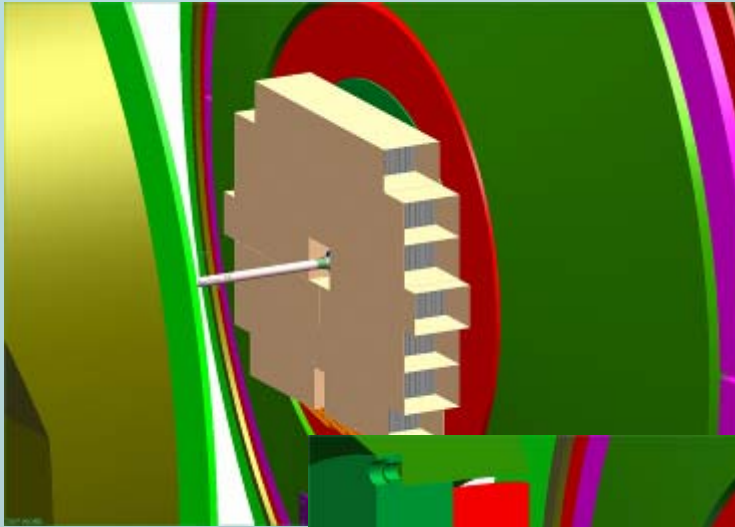


Quadrant Assembly



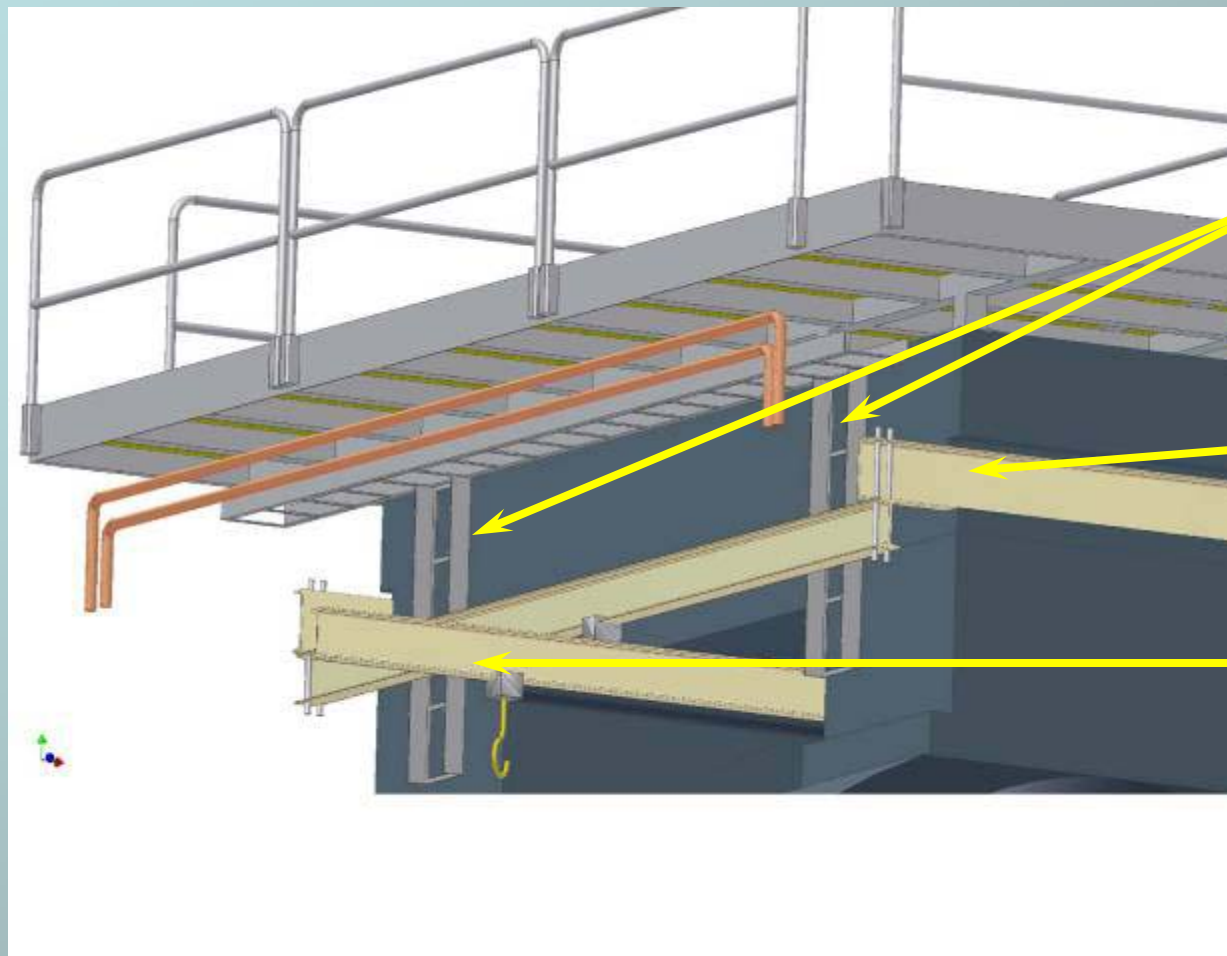
Tray

New Beampipe for Upgrades



*Meeting is scheduled for
3/28/06 to determine
beampipe upgrade boundary
conditions/design limits*

CM Region Crane & Cable Routing Concept



**Cable Trays
to route
cables NCC
Detector from
Bridge**

**Crane Supports
use existing flux
return notches**

**CM Crane north-
south & east-west
motions; extended
travel east to
existing crane
coverage**

MOLD Problems



We expect a short shutdown with a full plate of work

- June '06: end run 5, prep for start of shutdown, prep EC for move to AH
- July '06: TOF West installation, RXNP installation
- Aug. '06: MPC North installation, HBD installation
- Sep. '06: Detector subsystems maintenance, roll EC in, prep for run 6
- Oct. '06: Plan to start cooldown on Oct. 15th

PHENIX Technical Support 2006

PHENIX Engineering & Tech Support Web Pages

Links for weekly planning meeting slides, long term planning, pictures, videos and other technical info can be found from the web site:

http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm

